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		_ Jup +	July Suil								
Work Orde					18   T.   18   18   18   18   18   18   18   1				_		Page 1
Item ID: Revision ID:	D412-791-04	<del></del>		Accept				Setu			
Item Name:	Pitot Heat Mo	nitoring Assembly							Stop		
Start Date: Required Date: Reference:	6/15/2010 6/21/2010	Start Qty: 2.00 Req'd Qty: 2.00	(   10   10   10   10   10   10   10   1		Cust Item I Customer:	D:					
Approvals:	Process Pla	n:	Date:	Tooling: SPC (Y/N):		nte:		Run	Start Stop		
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hou	Tool ID	Tool #	Plan A Code Q		eject ty	Reject Number	Insp. Stamp
Draw Nbr		ision Nbr							-		
IIN-D412-791	В										<u> </u>
DC Document Control		<b>Memo</b> Photocopy CHG 001	v bluefile &type labels per PPF	0.00 0.00 P D412-791-047	S.0/06/b2		-1	H) 41	Л ЭК С	L 10	106/2,
110 Packaging Packaging		Pick Kit Memo		0.00			<u>' [1</u>	) ~6	-21(	(ax)	92,

120 QC Quality Control

Memo

QC4- 100% Inspect kits for completeness

W/O:	•		WO	RK ORDER CHANG	BES				
DATE	STEP	PRO	OCEDURE CHAI		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		PAR #:							
		olution:	Disposition	1:	QA: N/C CI	osed:		Date: _	
NCR:		,	WORK ORDE	R NON-CONFORM	ANCE (NCF	₹)			<del></del>
DATE	STEP	Description of NC	Initial		tion B	Verific		Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Sign 8 Date	Section	Section C Cr		QC Inspector
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W۵	rk	Or	der	ID	59	878	
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Tuesday, June 15, 2010 1:07:42 PM



Page 2

Item ID:

D412-791-047

Accept



Setup Start



**Revision ID:** 

Item Name:

Pitot Heat Monitoring Assembly

**Start Date:** 

**Required Date: 6/21/2010** 

6/15/2010

Start Qty: 2.00

Req'd Qty: 2.00

Operation

Description



**Cust Item ID: Customer:** 

Reference:

**Approvals:** 

Process Plan: \_\_\_\_\_

QC:

Date:\_\_\_\_

Date:

Tooling:

0.00

SPC (Y/N):

Set Up/

**Run Hours** 

Date: Tool ID

Tool # Plan

Date:

Run

Accept

Qty

16.0.99

Code

Start

Reject

Qty

Stop

Stop



Insp.

Stamp

Sequence ID/

Work Center ID

130

Packaging Packaging

Memo

0.00

Identify and pack for slipping as per PPP D412-791-047

Location:

140

QC21- Final Inspection - Work Order Release

0.00

QC

Quality Control

Memo

0.00

10/06/239

Reject

Number

h 1006.23

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W/O:			W	ORK ORDER CHANG	ES		·		
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cat	egory:	_ <b>NCR</b> : Ye	s No <b>D</b>	QA:	Date:	· · · · · · · · · · · · · · · · · · ·
	Resolution:				4 44				
NCR:			WORK ORD	DER NON-CONFORMA	ANCE (NO	R)			·
DATE	STEP	Description of NC		Corrective Action Section		Veri	fication	Approval	Approval
	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sigi Da	า& ∣ <sub>Se</sub>	ction C	Chief Eng	QC Inspector
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	Tuesday, June 15, 20	010 1:07:46 PM												Page
	Work Order ID: 598	878												
	Parent Item: D4	12-791-047												
	Parent Item Name:	Pitot Heat Monitori	ng Assembly			:: <b>::: (13.16   11.16   11.26   )</b>				tart Date: 6/1. Start Qty: 2.00		=	d <b>Date:</b> 6/2 ed <b>Qty:</b> 2.0	
	Comments:	IPP RevA: New issu	ue DD verified b	y:EC										
	Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
S <sub>Q</sub>	18-200 , Quick Connector, Plug		Purchased	No			110	Each	3.0000	1	10.6-	215	2	
					Location	<u>1</u>	Loc	<u>Oty</u>	Loc Code					
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					ST391	110515		3		3		_		
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 Loc Oty
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 ST377
 173
 5

 114882
 73
 5

 114930
 100
 5

 ST379
 33
 114728

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W/O:			WC	RK ORDER CHANG	ES			· · · · · · · · · · · · · · · · · · ·	
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		•							
· · · · · · · · · · · · · · · · · · ·								<u> </u>	
Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No <b>DQ</b>	A:	_ Date: _	
		solution:							
NCR:			WORK ORDI	ANCE (NCF	R)		Para at a said		
DATE	STEP	Description of NC			ion B	Verific	cation		Approval
	JILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date		on C	Chief Eng	QC Inspector
					·				
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Tuesday, June 15, 2010 1:07:46 PM

Work Order ID: 59878 Parent Item: D412-791-047 Parent Item Name: Pitot Heat Monitoring Assembly Required Date: 6/21/2010 **Start Date:** 6/15/2010 Start Qty: 2.00 Required Qty: 2.00 Ď3896-1 Manufactured No 110 6.0000 Each Location Loc Oty Loc Code ST094 58733 ST095 56378 D3897-1 Manufactured No 110 Each 6.0000 Location Loc Qty Loc Code ST094 48301 LED-50-17-BG-E0705 No 110 Purchased Each 4.0000 Annunciator 3% Location Loc Qty Loc Code 112815 M12883/45-01 Purchased No 110 Each 4.0000 Relay Base Location Loc Qty Loc Code ST395 112718 4 M81714/16-3 Purchased No 110 Each 0.0000

Terminal Blocks track

W/O:			\MC	RK ORDER CHANG	CEC				<del></del>	
DATE	STEP	DD		· · · · · · · · · · · · · · · · · · ·	GES		D.4.		Approval	Approval
DAIL	SIEF	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Chief Eng / Prod Mgr	QC Inspector
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Part No	:	PAR #:	Fault Cate	gory:	NCI	R: Yes I	No DQ	<b>A</b> :	Date:	
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NCR:				ER NON-CONFORM				t.		
DATE	STEP	Description of NC		ction B		Verific	ation	Approval	Approval	
———	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti		Chief Eng	QC Inspector
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Page 3

Work Order ID: 59878 Parent Item: D412-791-047 Parent Item Name: Pitot Heat Monitoring Assembly Required Date: 6/21/2010 Start Date: 6/15/2010 Start Qty: 2.00 Required Qty: 2.00 M81714/2-DC1 Purchased No 110 Each 2.0000 Terminal Blocks Location Loc Qty Loc Code ST395 2 113367 2 M81714/2-DD2 Purchased No 100 Each 0.0000 Terminal Blocks M83536/2-024 Purchased No 110 9.0000 Each Relay Location Loc Qty Loc Code ST395 112014 112718 MS21042L06 Purchased No 110 Each 231.0000 Location Loc Qty Loc Code ST300 231 114330 81 114494 50 114784 100 MS21042L08 Purchased No 110 288.0000 Each Location Loc Qty Loc Code ST300 288 114330 288

W/O:			W	ORK ORDER CH	ANGES					
DATE	STEP	PRO	OCEDURE CHA	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
44										
Part No	:	PAR #:	Fault Cate	egory:	NC	R: Yes	No <b>DQ</b>	A:	Date:	
		esolution:								
NCR:		\	WORK ORE	PRMANCI	E (NCR	)				
DATE	STEP	Description of NC		Corrective Action	Section B	0: 0	Verific	cation	Approval	Approval
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## **Picklist Print**

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Page 4

Tuesday, June 15, 2010 1:07:40 PM									
Work Order ID: 59878							· · · · · ·		
Parent Item: D412-791-047									•
Parent Item Name: Pitot Heat Monito	ring Assembly	1 (00)(10 10)	! BIRK! !IB[B   B    B    B    B    B    B    B	11831); OB!(); O(31) (031 )BO!		S.	tart Datas	6/15/2010	Paguired Pates 6/21/2010
	,								Required Date: 6/21/2010
							Start Qty:	_	Required Qty: 2.00
MS24524-23	Purchased	No		110	Each	2.0000	1	7 2	/)
								10.6	1015
2 Switch									919
			<b>Location</b>	Loc	<u>Qtv</u>	Loc Code			,
			ST308		2				_
			112718		2			2	_
MS24524-31	Purchased	No		110	Each	1.0000	1	2	$\circ$
								M1149	191 10-6210
Switch, DPDT								1011	70 30 13
			<b>Location</b>	Loc (	<u>Oty</u>	Loc Code			I
			ST308		1				_
			112718		1			/	
MS24693-S26	Purchased	No		110	Each	172.0000	2	4	/)
<u>a                                     </u>								10-6-3	215
Screw							`	_/	-
			Location	Loc (	<u>Qty</u>	Loc Code			,
			ST288		172				
			112019		72			<b>y</b> —	_
			112719		100				1
MS25036-102	Purchased	No		110	Each	95.0000	15	1 30	// /
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2 Terminal Lug									0,59
<u>.</u> .			<b>Location</b>	Loc (	<u>Oty</u>	Loc Code			
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W/O:			W	ORK ORDER CHAN	GES					
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:								
·	R	esolution:	Dispositi	on:	QA:	N/C CI	osed:	W	Date:	
NCR:		\	WORK OR	DER NON-CONFORM	<b>IANCE</b>	(NCR	)	7		
DATE	STEP	Description of NC Section A	Initial	Action Description	ection B	Sign &	Verific Secti		Approval Chief Eng	Approval QC Inspector
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#### **Picklist Print**

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Page 5

Work Order ID: 59878

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

MS27039-08-14

Purchased



**Start Date:** 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

No

110 Each

72.0000 4

10-6-215

MS35207-260

Purchased No

<u>Location</u> ST291 112019

72 72 110 Each

Loc Qty

Loc Code

3 **8** 1 6

106.0000

10-6-91 7

Screw

NAS1149D0363J

Purchased No

11271

Location

ST295

Loc Oty 106 100 6 110 Each

745.0000

Loc Code

3 | 6

10.6.91

NAS1149DN632J Purchased No

 Location
 Loc Oty

 ST298
 745

 113288
 2

 114292
 143

 114884
 600

 110
 Each

168.0000

Loc Code

.Loc Code

0000 2 4

10:6-21

4\_\_\_

Location

112794

168 68 100

Loc Oty

4

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W/O:			W	ORK ORDER CHAI	NGES				<del>-</del>	
DATE	STEP	PRO	CEDURE CHA	NGE	PAGE.	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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							÷			
Part No	:	PAR #:	Fault Cate	gory:	NC	R: Yes	No <b>DQ</b>	A:	Date:	
		esolution:								
NCR:			WORK ORDER NON-CON  Corrective Action							
DATE STEP		Description of NC		Section B	0: 0	Verific	cation	Approval	Approval	
		Section A	Initial Chief Eng	Action Description Chief Eng	on 	Sign & Date	Secti		Chief Eng	QC Inspector
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Work Order ID: 59878

Parent Item:

D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly



Start Date: 6/15/2010

Required Date: 6/21/2010

Start Qty: 2.00

Required Qty: 2.00

NAS1149DN832J

Purchased

No

110 Each 680.0000

HW210

Purchased

No

Location Loc Qty ST297 300 114883 300 ST298 380 114740 380 110 Each Loc Code

2.0000

Location Loc Qty Loc Code ST390 112736 1 113331

W/O:			GES							
DATE	STEP	PRO	OCEDURE CH	IANGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Ca	tegory:	NCR:	Yes N		<b>\</b> :	_ Date: _	
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NCR:	:		WORK OR	DER NON-CONFORM	JANCE (I	(CR)		_:	· · · · · · · · · · · · · · · · · · ·	
DATE	STEP	Description of NC	of NC Corrective Action				Verific	ation	Approval	Approval
	0.2.	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Section	on C	Chief Eng	QC Inspector
				·						
								:		
			·							

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#### 7.0 PARTS LIST

QTY	QTY	QTY	QTY	QTY	QTY					
-011	-041	-043	-045	-047	-049	PART NUMBER	DESCRIPTION			
х						D412-791-011	SAFETY ENHANCEMENT KITS COMPLETE			
1	Х			·		D412-791-041	FLASHLIGHT KIT			
1		Х				D412-791-043	MAPBOX KIT			
1			Х			D412-791-045	EXIT ILLUMINATION KIT			
1				Х		D412-791-047	PITOT HEAT MONITORING KIT			
1					Х	D412-791-049	STANDBY ATTITUDE BATTERY MONITORING KIT			
	2					D3921-1	FLACIFICUT			
	4					D3921-1 D3922-1	FLASHLIGHT			
4,	.2					D3922-1	ANGLE			
2,994	4				,	D3924-1	SHIM			
	8				•	MS20426AD3-6	RIVETS			
	6					MS20470AD4-5	RIVET			
	4					MS21059-L3	ANCHOR NUT			
· ·	4					MS35207-264	SCREW			
-	,									
		_1				D3936-041	MAPBOX			
		4				MS35207-244	SCREW			
_			16			D3937-041	PHOTOLUMINESCENT STRIPS			
,, ,			90	·····		D3950-1				
							RIVET (INCLUDES 10 EXTRA)			
- )				, 1		18-200	CONNECTOR			
	li -,			4		1N4007	DIODE			
				3		80-004-2-6	POTTED INSERTS			
				2		D3896-1	RELAY			
				1		D3897-1	ANGLE			
				1		LED-50-17-BG-E0705 ;	ANNUNCIATOR			
				1		M12883/45-01	RELAY BASE			
				1		M81714/16-3	TERMINAL BLOCKS TRACK			
				2		M81714/2-DC1	TERMINAL BLOCKS			
	<u>:</u>			1	. ]	M81714/2-DD2	TERMINAL BLOCKS			

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Revision: **B** 

Date: 09. 07.22

W/O:		WORK ORDER CHANGES												
DATE	STEP	PRO	CEDURE CHAN	Ву	D	ate	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector					
	;													
Part No	•	PAR #:	ory:	NCR: Yes No DQA: Date:										
					QA: N/C Closed: Date:									
NCR:		V	VORK ORDE	R NON-CONFORMA	ANCE (NO	CR)								
DATE	STEP	Description of NC	Corrective Action Section B						Approval	Approval				
		Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da	n &	Verifica Section		Chief Eng	QC Inspector				



### DART AEROSPACE LTD.

IIN-D412-791

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QTY	QTY	QTY	QTY	QTY	QTY		
-011	-041	-043	-045	-047	-049	PART NUMBER	DESCRIPTION
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				4		MS21042L08	NUT
		·		1		MS24524-23	SWITCH, DPDT
				1		MS24524-31 }	SWITCH, DPDT
				2		MS24693S26	SCREW
				15		MS25036-102 f	TERMINAL LUGS, #6
. 1. 4				4		MS27039-0814 7	SCREW
				3		MS35207-260;	SCREW
1.7	£2.f			· 3	_	NAS1149D0363J	WASHER
	و عب			2	:	NAS1149DN632J	/WASHER
	:			8		NAS 1149 DN832 J	WASHER
				1 ,		HW210	RESISTOR, 1K OHMS
	•				1	18-200	CONNECTOR
					5	1N4007	DIODE
					3	80-004-2-6	POTTED INSERTS
					1	D3897-1	ANGLE
·					, 1	D3938-1	DECAL
					1	LED-50-17-HK-E0700	ANNUNCIATOR (STBY BATT)
					1 1	M12883/45-01	RELAY BASE
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	134			-0-4 21	2	M81714/2-DC1	TERMINAL BLOCKS
					1	M81714/2-DD2	TERMINAL BLOCKS
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]					2	MS21042L06	NUT
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					3	MS35207-260	SCREW
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Revision: **B** 

Date: 09. 07.22

W/O:		WORK ORDER CHANGES												
DATE	STEP	PRO	CEDURE CH	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector						
Part No:		PAR #:	Fault Cat	Fault Category:NC			CR: Yes No DQA: Date:							
						QA: N/C Closed: Date:								
NCR:		. V	VORK ORI	DER NON-CONFORM	ANCE (NCF	l)								
DATE	STEP	Description of NC			ion B	Verifica	Verification		Approval					
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section		Chief Eng	QC Inspector					
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